

ABSTRACT OF THE DISCLOSURE

A nonaqueous electrolyte secondary battery comprises a cathode having a cathode active material capable of electrochemically doping/dedoping lithium, an anode having an anode active material capable of electrochemically doping/dedoping lithium and a nonaqueous electrolyte interposed between the cathode and the anode. The nonaqueous electrolyte includes at least one or more kinds of vinylene carbonate, methoxybenzene compounds or antioxidants. The nonaqueous electrolyte secondary battery has a good cyclic characteristic under any environment of low temperature, ambient temperature and high temperature.

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